$a = 2 \quad b = 3 \quad c = -2$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$x = \frac{-(3) \pm \sqrt{(3)^2 - 4(2)(-2)}}{2(2)}$$

$\sqrt{25} \rightarrow 5$

$$= \frac{-3 \pm 5}{4}$$

$$= -\frac{8}{4}, \frac{2}{4}$$

$$= -2, \frac{1}{2}$$